

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY JOHN AUERBACH

COMMISSIONER

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

07/13/2011

Daniel Alexander Assistant District Attorney, Plymouth County

Dear ADA Alexander,

Enclosed is the information you requested in regards to Commonwealth vs. Included are copies of the following:



- 1. Curriculum Vitae for Annie Dookhan and Lisa Glazer.
- 2. Drug Analysis Laboratory Receipt.
- 3. Control Cards with analytical results for samples #
- 4. Analysis sheets with custodial chemist's hand notations and test results.
- 5. GC/Mass Spectral analytical data for samples #

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Lisa Glazer was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry. University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 - present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- * Responsible for the Quality Control/Quality Assurance program for the drug lab.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 - 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Lisa A. Glazer

Education

Bachelor of Science Degree, CHEMISTRY January 2006 UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Bachelor of Science Degree, FORENSIC SCIENCE January 2006 UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus, Biology, Criminal Justice and Forensic Science courses

Employment -

Chemist I, II State Laboratory Institute

(May 2007-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- > Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- > Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2007.

Laboratory Technician I (August 2006 – May 2007)

University of Connecticut Chemistry Department - Storrs, CT

- Prepared unknowns, chemical reagents and supplies for undergraduate chemistry courses
- > Set-up experiment demonstrations
- > Properly disposed of hazardous waste from the experiments
- > Made sure labs were being conducted safely
- > Kept track of student laboratory paperwork, inventoried glassware and chemicals and helped clean glassware

Intern (September 2005 – November 2005)

CONNECTICUT STATE POLICE FORENSIC LABORATORY - Meriden, CT

- Worked on a Pyrolysis Gas Chromatography project
- Observed in the GSR testing, Forensic Biology, DNA, Questioned Documents, Black and White Photo, Latent Prints, Firearms, Trace Evidence and Color Photo Units

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts Executive Office of Health and Human Services

Department of Public Health

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

State Laboratory Institute

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

Amherst Hours

8:00 - 11:00

DRUG RECEIPT

9:00 - 12:00

2:00 - 4:00				1:00 - 3:00	
City or Department: Brock	ton Police Department	Police R	eference No.:		
Name and Rank of Submitti	ng Officer: DONOHUE, PATRICK S	380 DOC	C # R013702		
Defendant(s) Name (last,firs	t,initial):		THE PROPERTY AND ASSESSED.		
To be completed by Submitte Description of Items Subm		10 - 100 - 1	To be completed Gross Weight	<i>by Lab Personne.</i> Lab Number	
1) PLASTIC BAG UNK UNK BROWN POWDE			10,880		
***************************************	****				
		yy y 10000Miles			

I Down	Q con			3-00-11	
Received By:			Date:	12211	

No.

Date Analyzed: 5/83/11

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount:

Subst: SUB

No. Cont:

Cont: pb

Date Rec'd: 03/22/2011

Gross Wt.:

10.88

No. Analyzed:

Net Weight: 9.08

#Tests: UASO

Prelim: Heron

Findings:

DRUG POWDER ANALYSIS FORM

No. of samples tested:	AGENCY Brocklan. ANALYST A:27 Evidence Wt.	
PHYSICAL DESCRIPTION: Being Chenic	Gross Wt (): 9.441 Substace Gross Wt (): Pkg. Wt: Net Wt:	
PRELIMINARY TESTS		
Spot Tests Cobalt Thiocyanate (+) Marquis + Froehde's +	Microcrystalline Tests Gold Chloride TLTA () OTHER TESTS	
Mecke's + PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST	 -
DATE 5-18-11	MS OPERATOR LAG DATE 5-23-11	

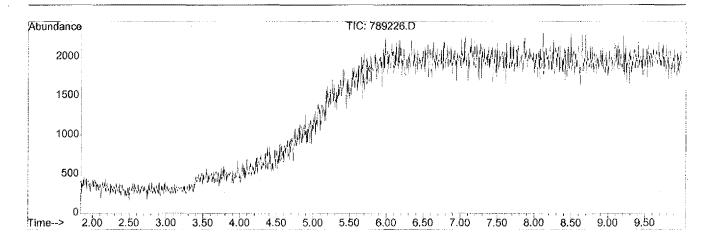
Revised 7/2005

File Name : F:\SYSTEM7\05_23_11\789226.D

Operator : ASD

Date Acquired : 23 May 2011 16:57

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

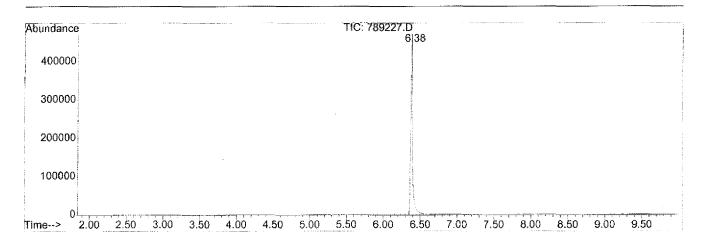
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Operator : ASD

Date Acquired : 23 May 2011 17:10

Sample Name : HEROIN STD

Submitted by : ASD Vial Number : 27 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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File Name : F:\SYSTEM7\05 23 11\789227.D

Operator : ASD

Date Acquired : 23 May 2011 17:10

Sample Name : HEROIN STD

Submitted by : ASD Vial Number : 27 AcquisitionMeth: DRUGS Integrator : RTE

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Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

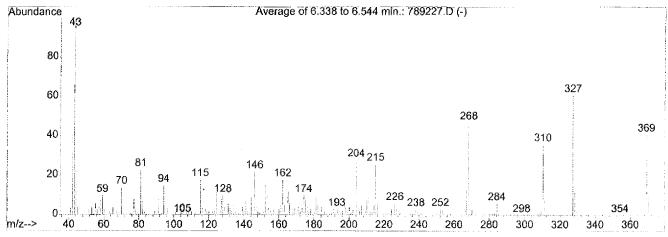
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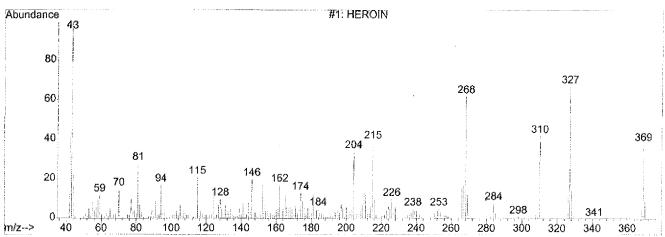
PK# RT Library/ID CAS# Qual

1 6.38 C:\DATABASE\SLI.L HEROIN

000561-27-3

99





789227.D

Tue Jul 12 12:10:21 2011

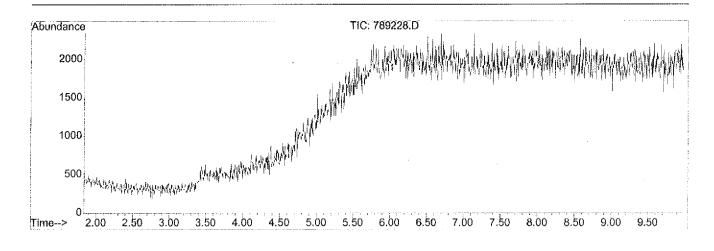
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Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area 8

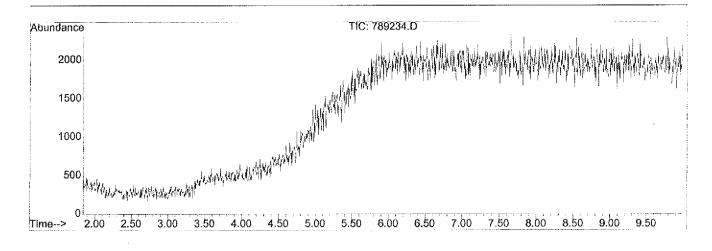
Ratio %

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Operator : ASD

Date Acquired : 23 May 2011 18:38

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

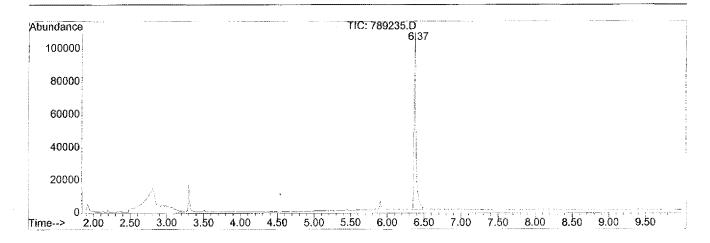
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Operator : ASD

Date Acquired : 23 May 2011 18:51

Sample Name :

Submitted by : ASD
Vial Number : 35
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.375	196037	100.00	100.00

File Name : F:\SYSTEM7\05 23 11\789235.D

Operator : ASD

Date Acquired : 23 May 2011 18:51

Sample Name :

Submitted by : ASD
Vial Number : 35
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

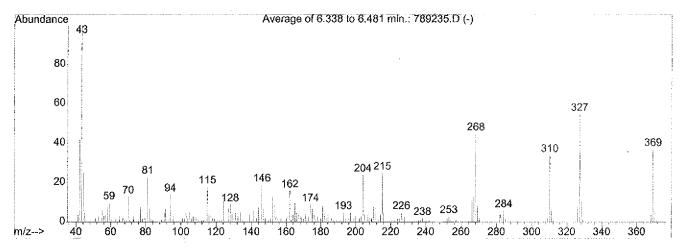
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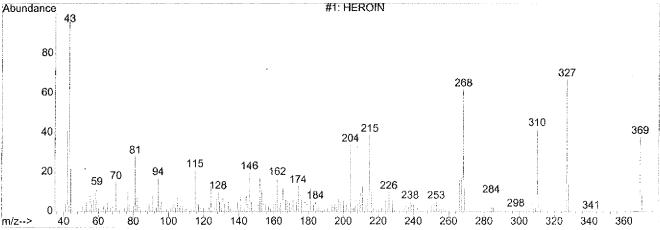
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PK# RT Library/ID CAS# Qual

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HEROIN 000561-27-3 94





789235.D

Tue Jul 12 12:10:34 2011

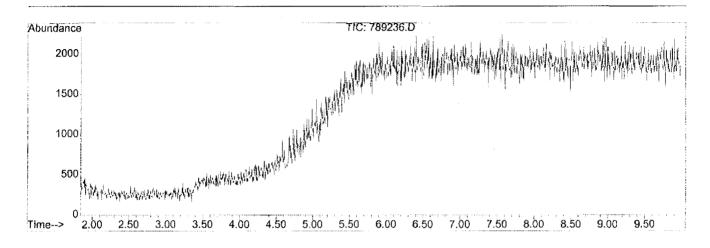
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Operator : ASD

Date Acquired : 23 May 2011 19:04

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Ret. Time Area Area % Ratio %

^{***}NO INTEGRATED PEAKS***

Area Percent / Library Search Report

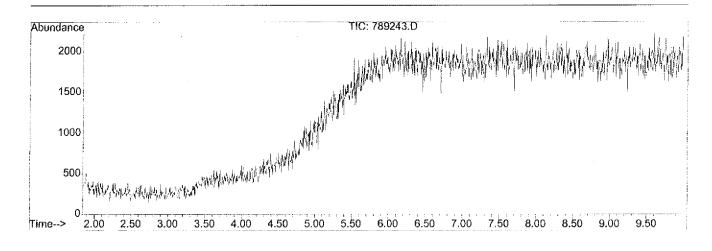
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Operator : ASD

Date Acquired : 23 May 2011 20:32

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area

Ratio %

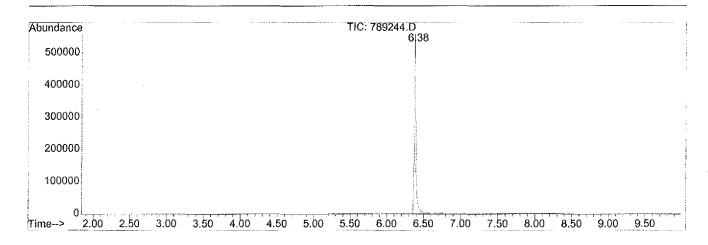
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Operator : ASD

Date Acquired : 23 May 2011 20:45

Sample Name : HEROIN STD

Submitted by : ASD Vial Number : 27 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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File Name : F:\SYSTEM7\05_23_11\789244.D

Operator : ASD

Date Acquired : 23 May 2011 20:45

Sample Name : HEROIN STD

Submitted by : ASD Vial Number : 27 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

C:\DATABASE\NIST98.L

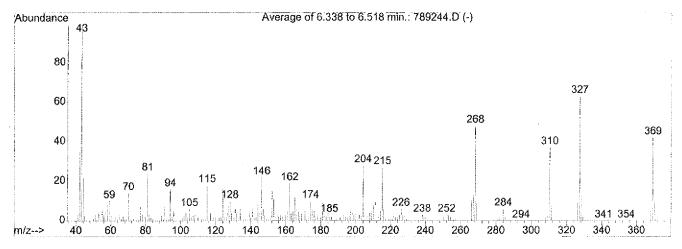
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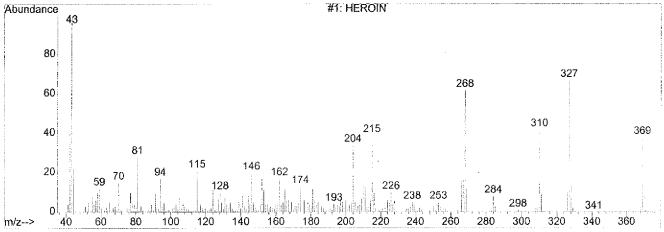
1 6.38 C:\DATABASE\SLI.L

HEROIN

000561-27-3 99

Minimum Quality: 90





789244.D

Tue Jul 12 12:10:47 2011

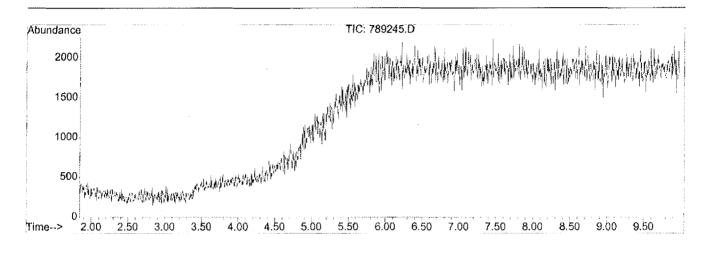
Page 2

File Name : F:\SYSTEM7\05_23_11\789245.D

Operator : ASD

Date Acquired : 23 May 2011 20:57

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area ⁹

Ratio %